

ABSTRACT

A packet duplication control system including an input port for receiving a packet and a plurality of output ports for outputting duplications of the packet is disclosed. The duplications can be suitable to support a Virtual Local Area Network (VLAN) system. The duplications can be controlled by descriptors arranged in a linked-list table. Also, the descriptors can have encoding formats, such as contiguous range encoding, non-contiguous range encoding, and discrete encoding. Further, the linked-list table can include at least one shared descriptor.